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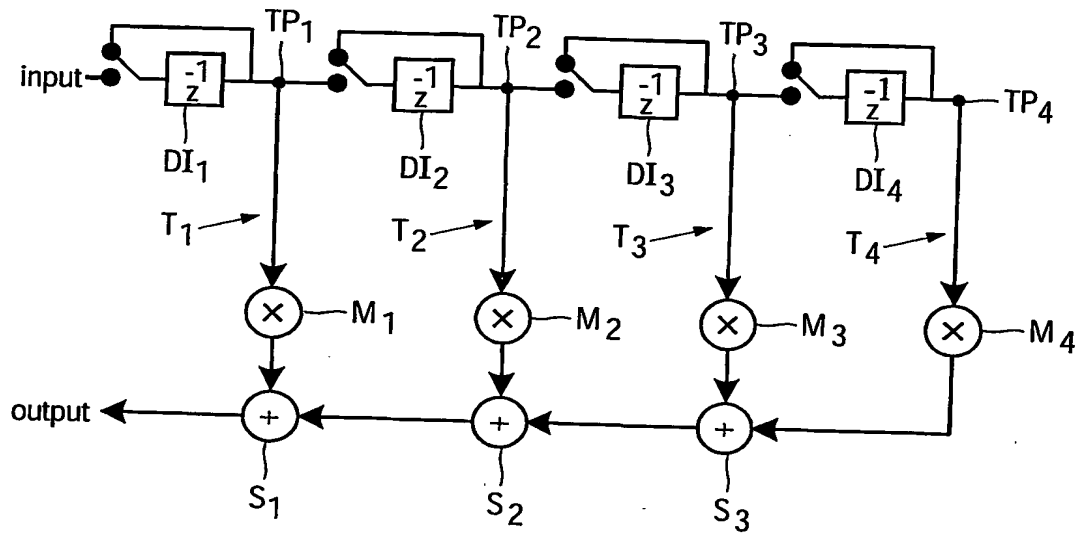


FIG.1

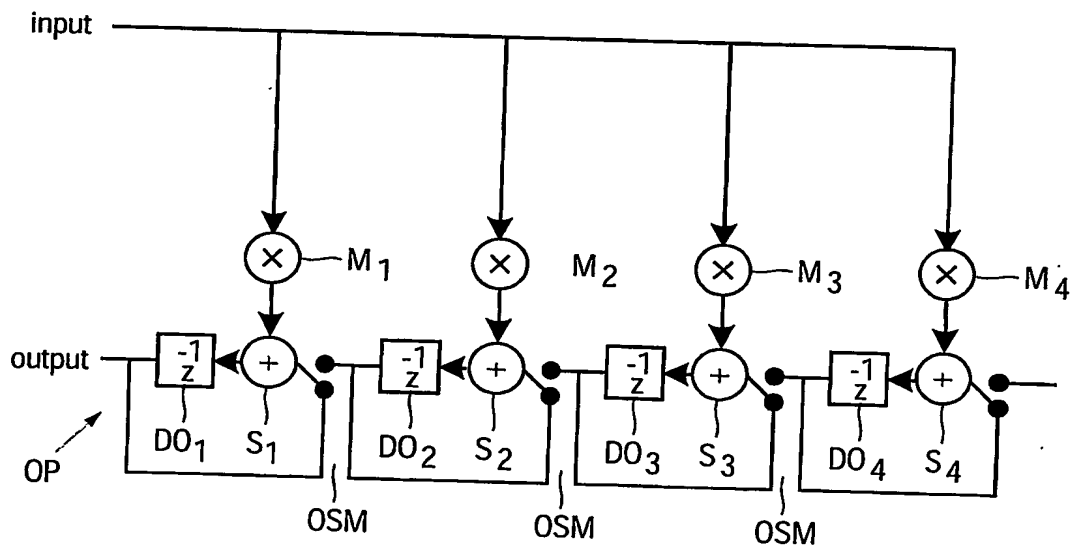


FIG.2

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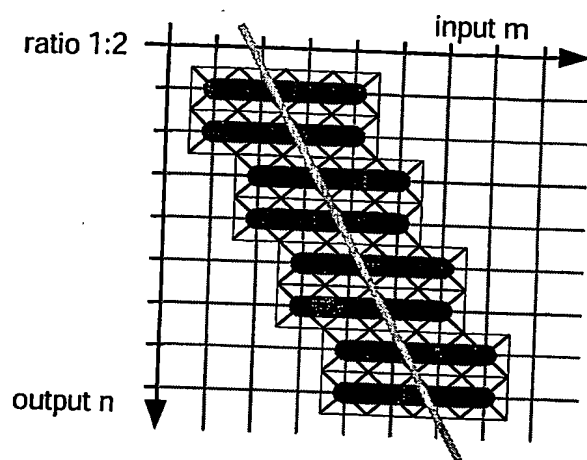


FIG. 3A

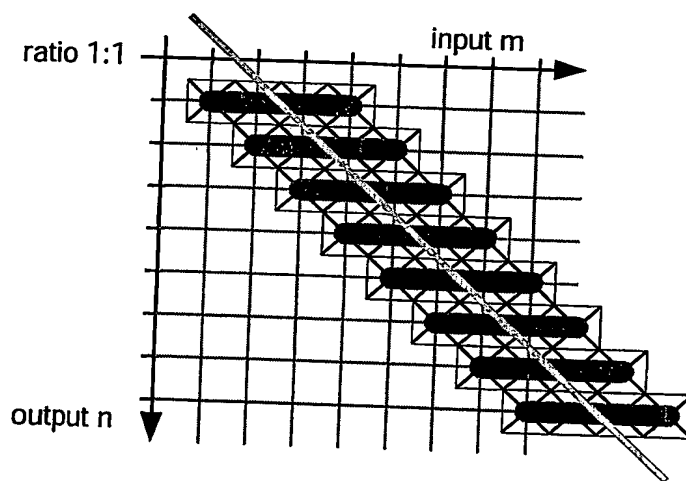


FIG. 3B

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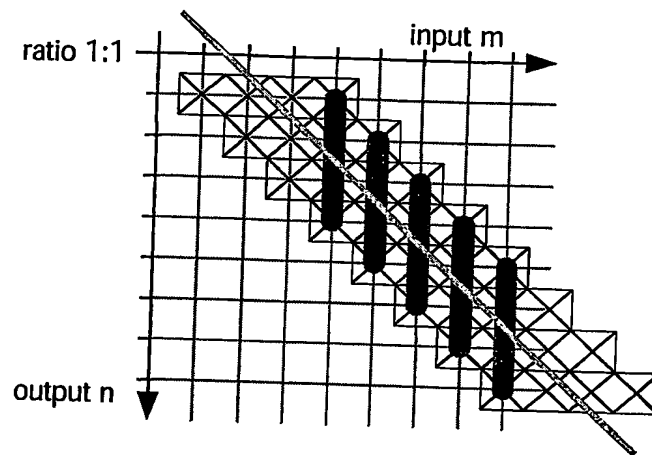


FIG. 4A

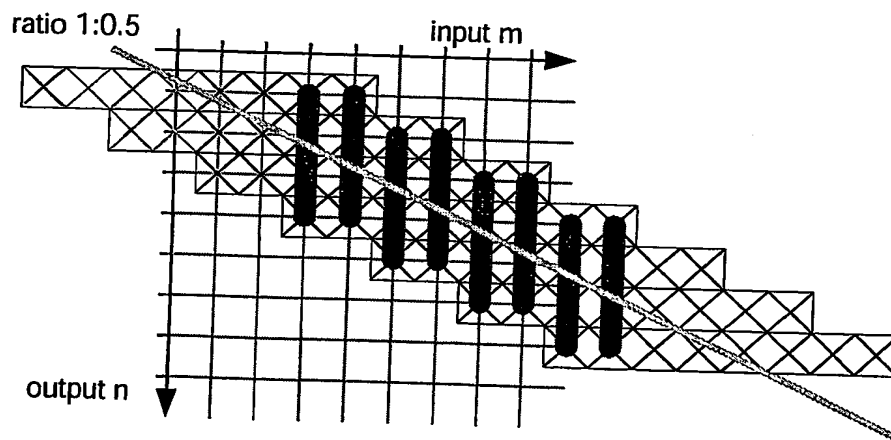


FIG. 4B

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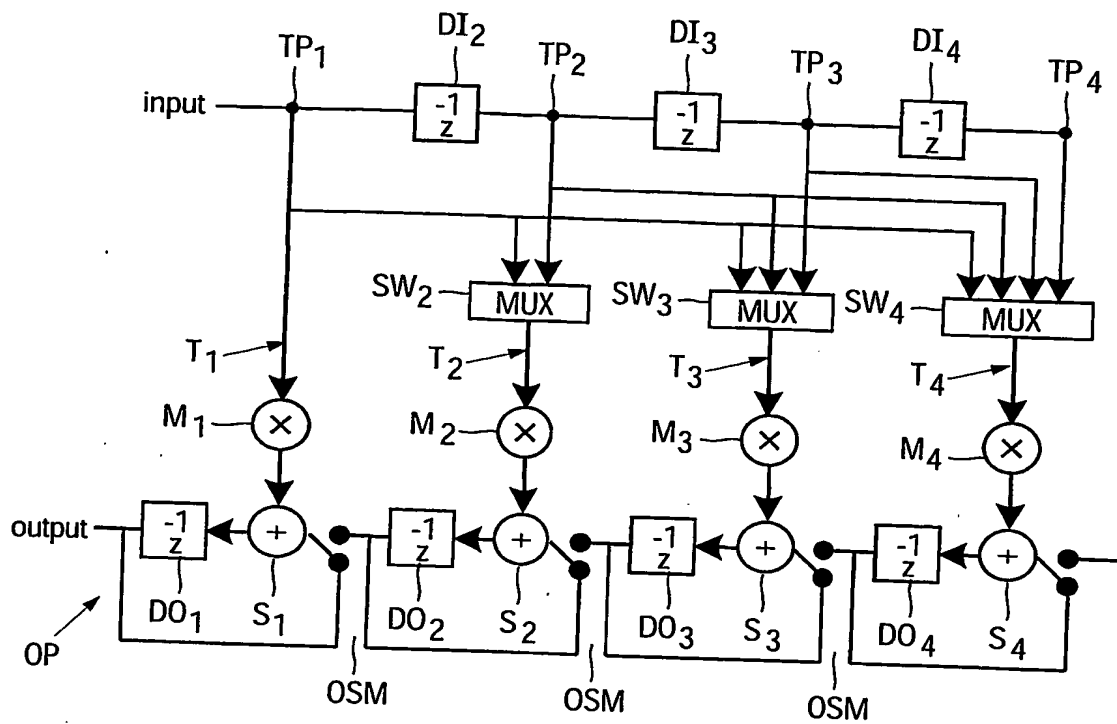


FIG. 5

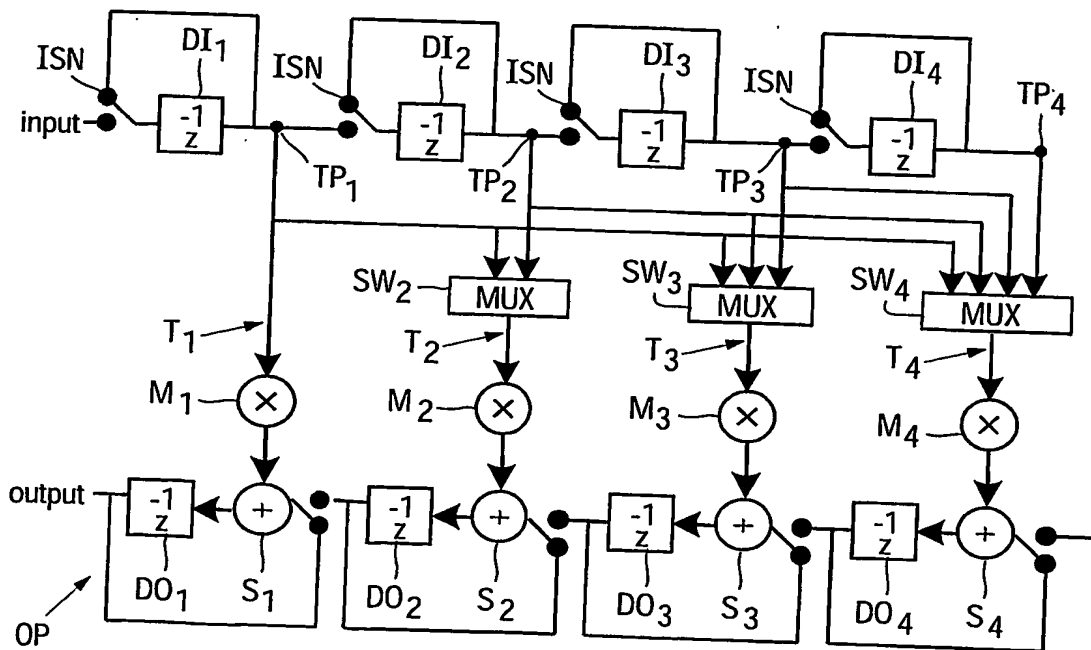


FIG. 6

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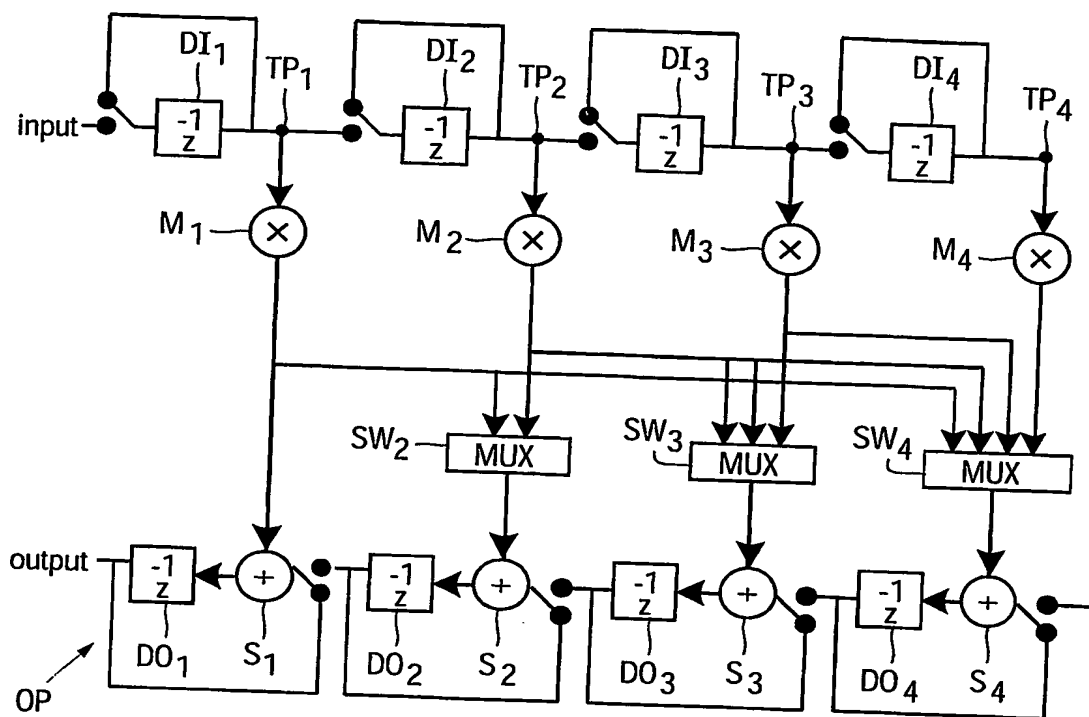


FIG. 7

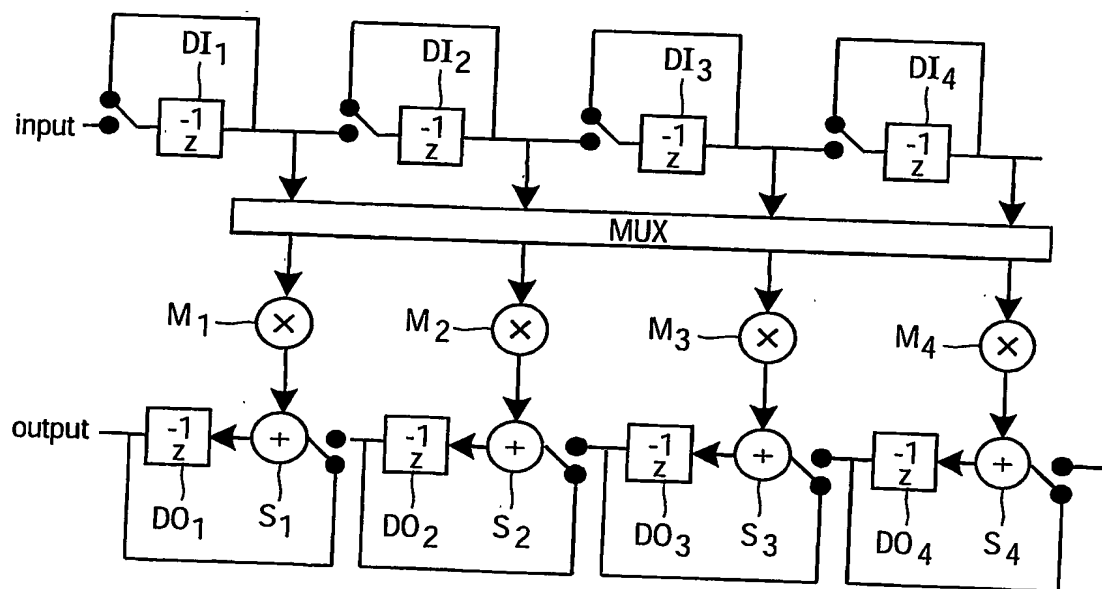


FIG. 8

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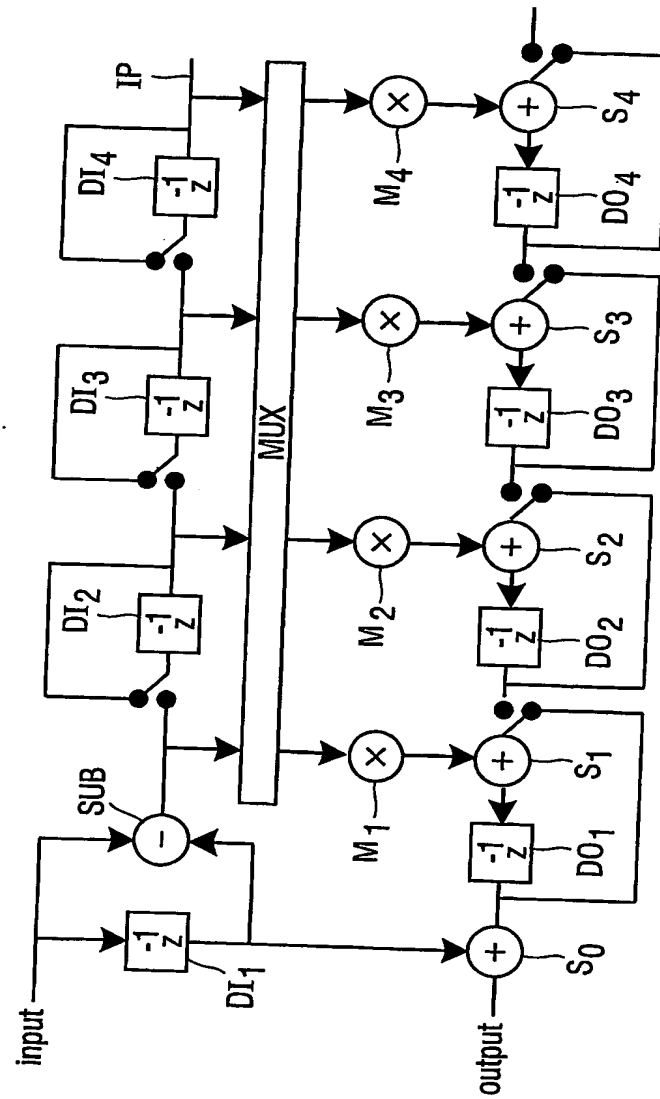


FIG. 9

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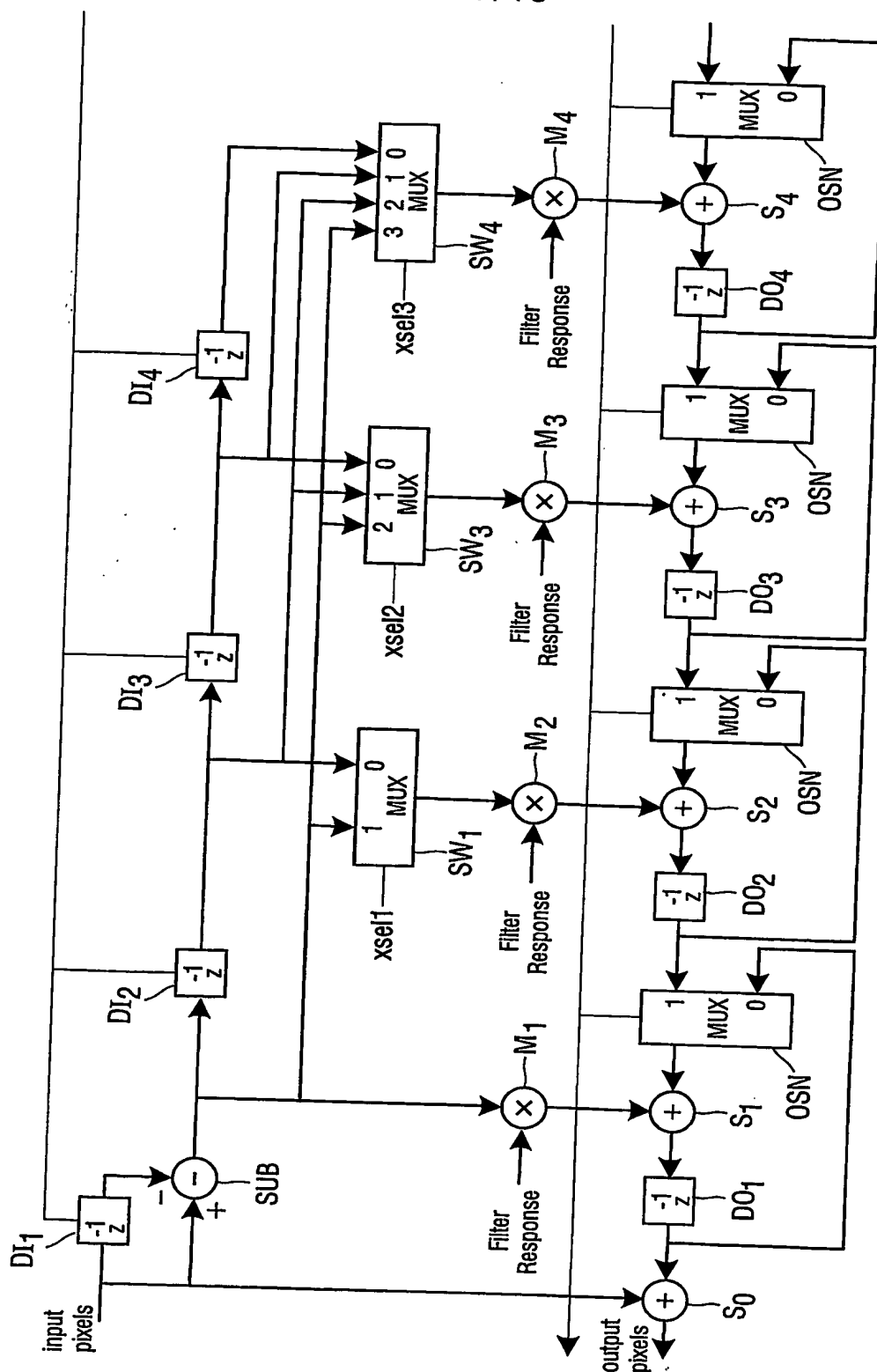


FIG. 10

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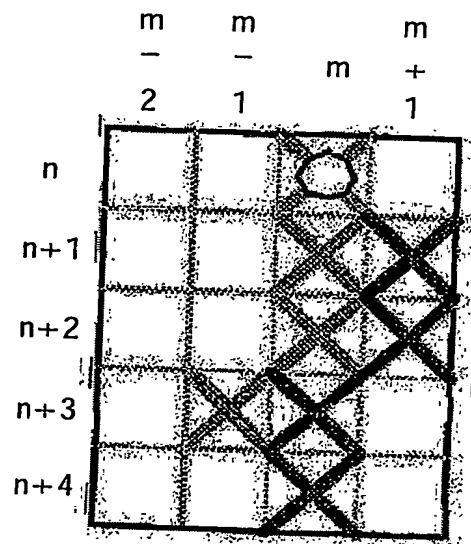


FIG. 11

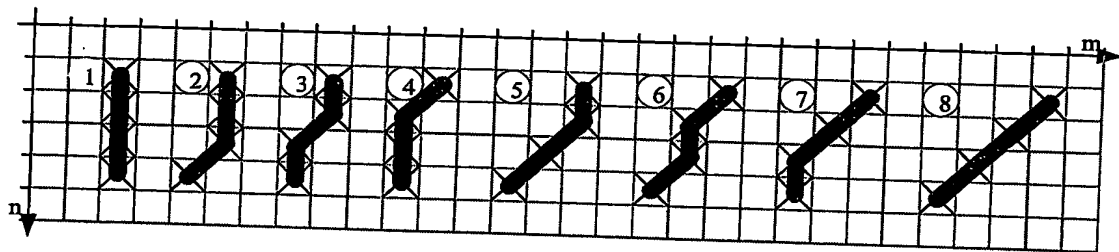


FIG. 12



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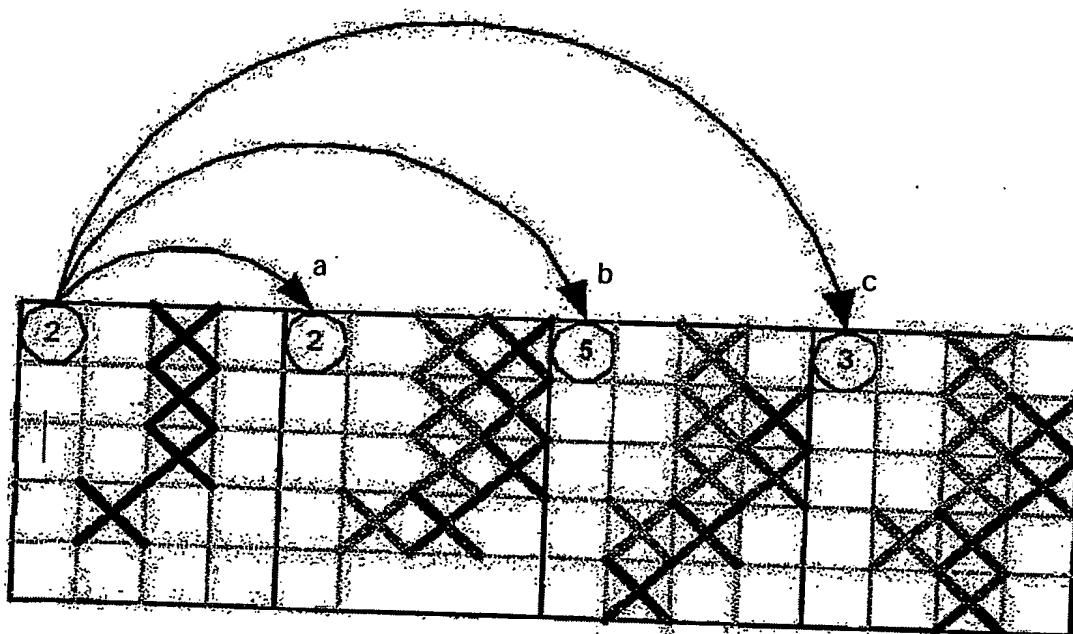


FIG.13

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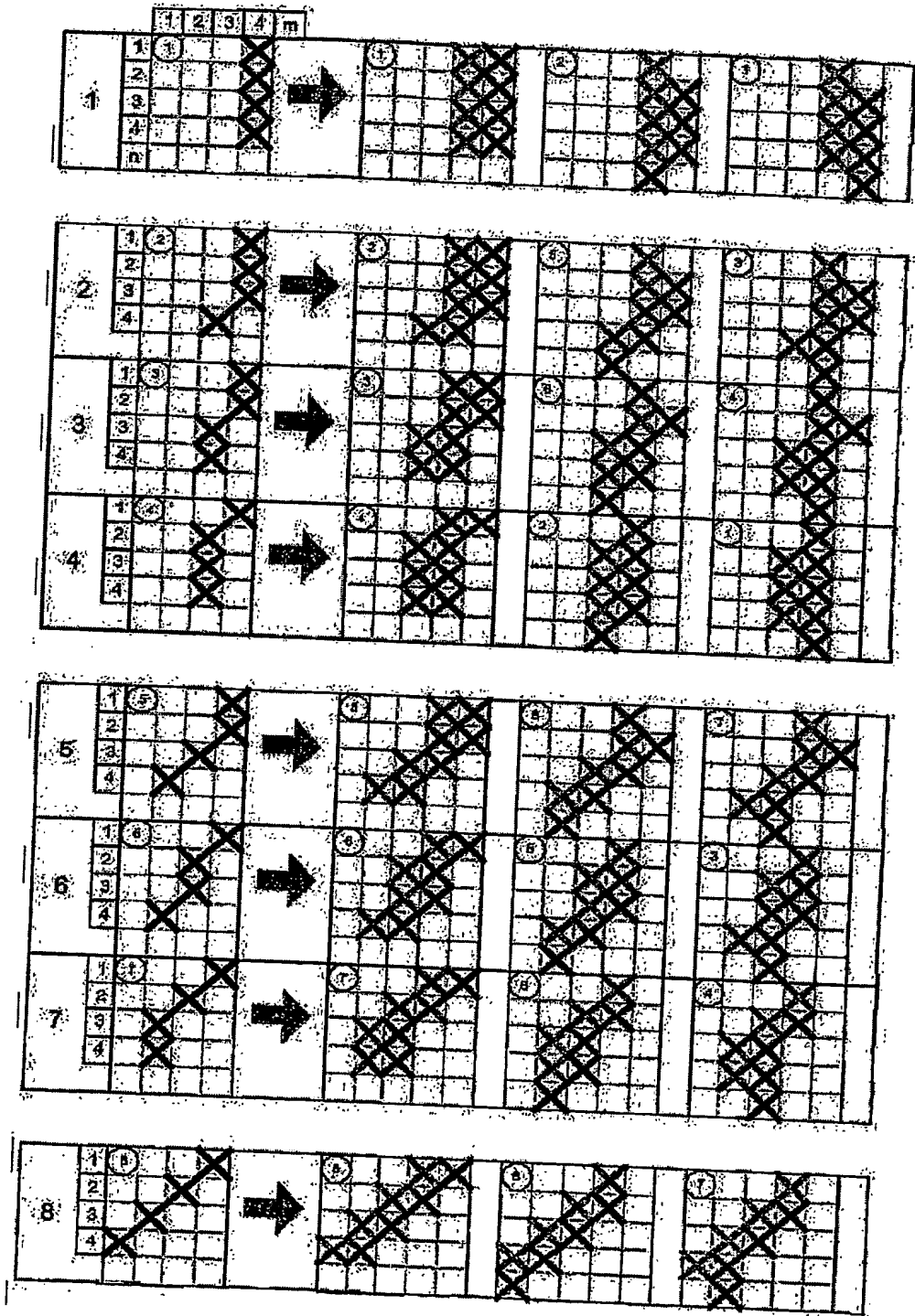


FIG.14

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present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]$	1 2 3 1 0
transition	c. $m < mlow[n+4]$	1 2 2 1 1
transition	c. $m < mlow[n+4]$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+1$	1 2 3 1 0
transition	c. $m < mlow[n+4]+1$	1 2 2 1 1
transition	c. $m < mlow[n+4]+1$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+1$	1 2 3 1 0
transition	c. $m < mlow[n+4]+1$	1 2 2 1 1
transition	c. $m < mlow[n+4]+1$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+1$	1 2 3 1 0
transition	c. $m < mlow[n+4]+1$	1 2 2 1 1
transition	c. $m < mlow[n+4]+1$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+2$	1 2 3 1 0
transition	c. $m < mlow[n+4]+2$	1 2 2 1 1
transition	c. $m < mlow[n+4]+2$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+2$	1 2 3 1 0
transition	c. $m < mlow[n+4]+2$	1 2 2 1 1
transition	c. $m < mlow[n+4]+2$	1 2 3 1 1

present state	transition condition	state output
transition	a. $m < mhigh[n]-1$	xsat1 xsat2 xsat3 Len o_en
transition	b. $m \geq mlow[n+4]+3$	1 2 3 1 0
transition	c. $m < mlow[n+4]+3$	1 2 2 1 1
transition	c. $m < mlow[n+4]+3$	1 2 3 1 1

FIG.15

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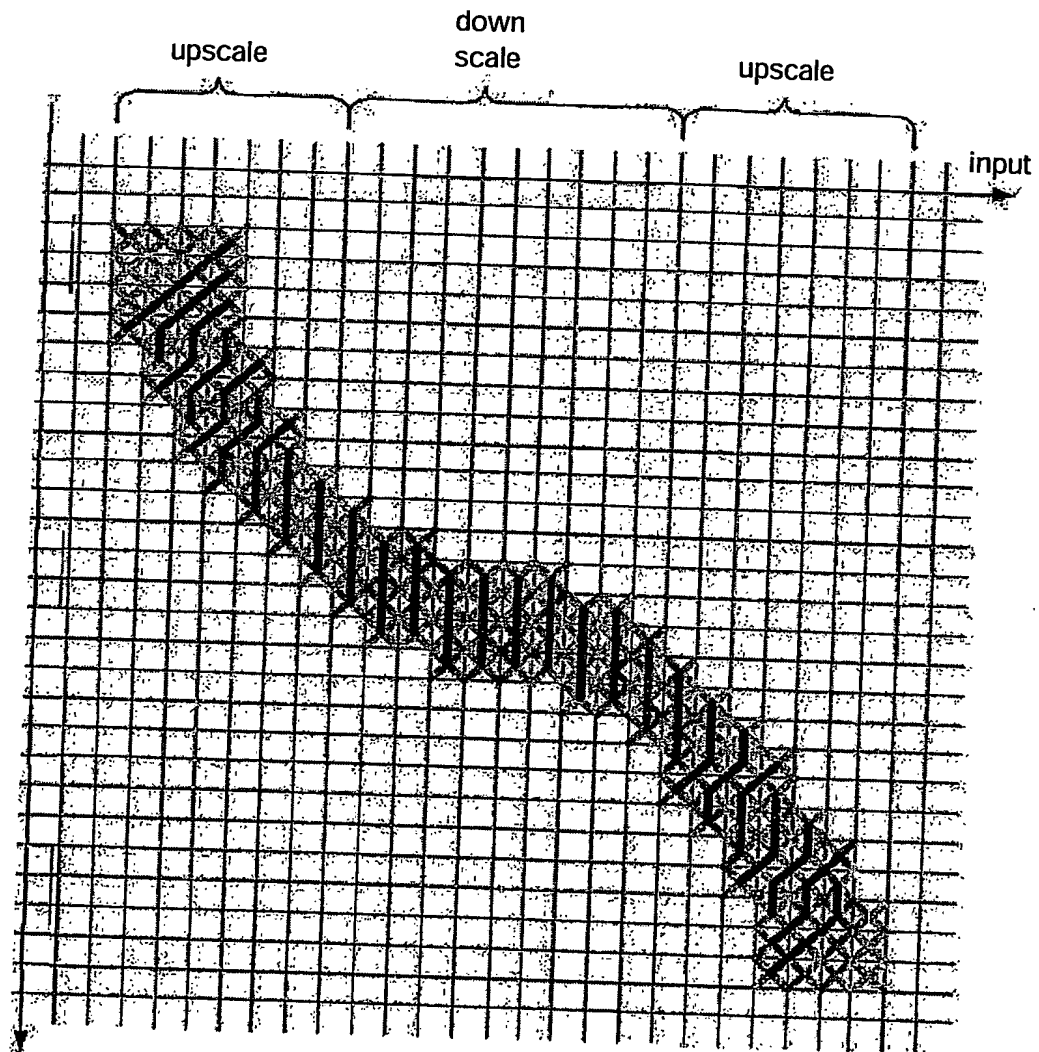


FIG.16

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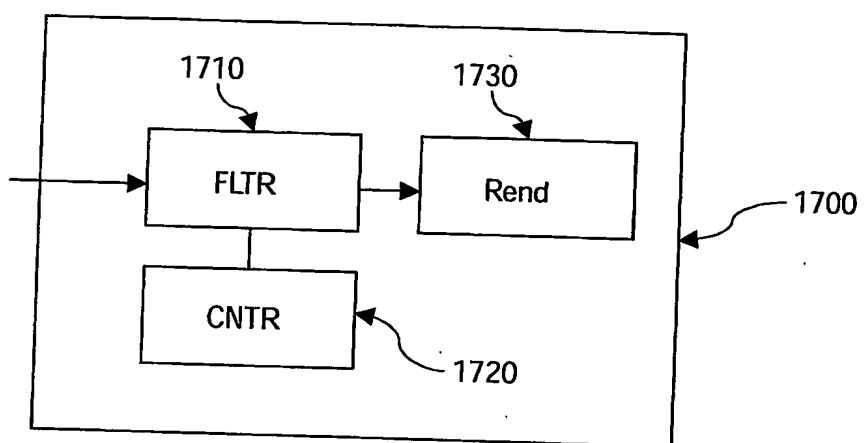


FIG.17

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